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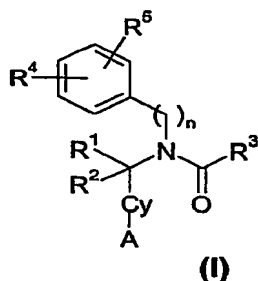
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(54) Title: ARYL DICARBOXAMIDES



(57) Abstract: The present invention is related to aryl dicarboxamides of formula (I) and use thereof for the treatment and/or prevention of obesity and/or metabolic disorders mediated by insulin resistance or hyperglycemia, comprising diabetes type I and/or II, inadequate glucose tolerance, insulin resistance, hyperlipidemia, hypertriglyceridemia, hypercholesterolemia, polycystic ovary syndrome (PCOS). In particular, the present invention is related to the use of aryl dicarboxamides of formula (I) to modulate, notably to inhibit the activity of PTPs. A is an aminocarbonyl moiety; Cy is an aryl, heteroaryl, aryl-heteroaryl, heteroaryl-aryl, aryl-aryl, cycloalkyl or heterocycle group; n is either 0 or 1; R¹ and R² are independently from each other selected from the group consisting of hydrogen or C₁-C₆ alkyl; R⁴ and R⁵ are each independently from each other selected from the group consisting of H, hydroxy, C₁-C₆ alkyl, carboxy, C₁-C₆ alkoxy, C₁-C₃ alkyl carboxy, C₂-C₃ alkenyl carboxy, C₂-C₃ alkynyl carboxy, amino or R⁴ and R⁵ may form an unsaturated or saturated heterocyclic ring, whereby

at least one of R⁴ or R⁵ is not a hydrogen or C₁-C₆ alkyl.